PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001

| | | CLAIMS A | | FILED - PART I (Column 1) (Column 2) | | | | SMALL ENTITY TYPE | | | OTHER THAN SMALL ENTITY | |
|--------------|--|--|------------------|---|--------------------------|--|--|------------------------|----------------|---------------------------------|----------------------------|--|
| TOTAL CLAIMS | | | | | | *** *** | RATE | FEE | OR 1 | RATE | FEE | |
| F | DR | | NUMBER FILED | | NUMBER EXTRA | | BASIC FEE | | OR. | BASIC FEE | | |
| TO | OTAL CHARGE | ABLE CLAIMS | 15/ mi | nus 20= | * 147 | | X\$ 9= | | OR | X\$18= | | |
| IN | DEPENDENT C | LAIMS | 7 m | inus 3 = | * | | X42= | | | | | |
| М | JLTIPLE DEPE | NDENT CLAIM P | RESENT | | | | A42= | | OR | X84= | | |
| * 11 | the difference | in column 1 is | 1 | | "0" | | +140= | | OR | +280= | | |
| • | | e in column 1 is | | | | column 2 | TOTAL | | OR | TOTAL | | |
| <u>B</u> | C | (Column 1) | MENDE | mn 2) | (Column 3) | SMALL | ENTITY | OR | OTHER SMALL | | | |
| AMENDMENTA | | CLAIMS REMAINING AFTER AMENDMENT | | HIGH NUM PREVIO PAID | BER DUSLY | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE | |
| END | Total | * 151 | Minus | ** /2 | 19 | = 2 | X\$ 9= | | OR | X\$18= | 36 | |
| AM | Independent FIRST PRESE | * / ENTATION OF MI | Minus | PENDENT | CLAIM | = | X42= | | OR | X84= | | |
| | | | | CHOCH | OLD WIN | | +140= | | OR | +280≃ | | |
| | | | | | | | TOTAL | | OR | TOTAL | 36 | |
| | | (Column 1) | | (Colur | nn 2) | (Column 3) | ADDIT. FEE | | 1 | ADDIT. FEE | | |
| AMENDMENT B | | CLAIMS REMAINING AFTER AMENDMENT | | HIGH NUM PREVIO PAID | EST BER DUSLY | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE | |
| | Total | * | Minus | ** | | = | X\$ 9= | | OR | X\$18= | 1 | |
| | Independent | * | Minus | *** | | = | X42= | | OR | X84= | | |
| _ | FIRST PRESE | NTATION OF MU | JLTIPLE DEI | PENDENT | CLAIM | | +140= | | OR | +280= | | |
| | | · • • • • | | | | | TOTAL | | OR | TOTAL | | |
| | | (Column 1) | | (Colur | nn 21 | (Column 3) | ADDIT. FEE | <u> </u> | Ort | ADDIT. FEE | | |
| AMENDMENT C | | CLAIMS REMAINING AFTER AMENDMENT | | HIGH NUM PREVIO PAID | EST BER DUSLY | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE | |
| NDW | Total | • | Minus | ** | | = | X\$ 9= | | OR | X\$18= | | |
| WE | Independent | * | Minus | *** | | = | X42= | | | X84= | | |
| L | FIRST PRESE | NTATION OF M | JLTIPLE DE | PENDENT | CLAIM | | | | OŖ | | | |
| • (| if the entry in colu | mn 1 is less than th | ne entry in col: | ımn 2 umita | o "O" in on | lumn 3 | +140= | | OR | +280= | | |
| ** | If the "Highest Nu If the "Highest Nu | mber Previously Pa mber Previously Pa nber Previously Pa | aid For" IN TH | IS SPACE I | s less tha s less tha | an 20, enter "20." an 3, enter "3." | TOTAL ADDIT. FEE found in the ap | propriate bo | OR x in co | TOTAL ADDIT. FEE olumn 1. | | |

PATENT APPLICATION FEE DETERMINATION RECORD Effective December 29, 1999

Application or Docket Number

09 495407

| (Column 1) (Column 2) | | | | | | | | | SMALL ENTITY | | | OTHER THAN | | |
|--|--|---|---------------------------------|------------------------------------|------------------|--|--------------------------------------|----------|--------------------|------------------------|---------|--|------------------------|--|
| FOR | | | NUMBER FILED | | | NUMBER EXTRA | | | TYPE | [] | OR | | ENTITY | |
| | | Nombert leeb | | | THOMBETT EXTEN | | | RATE | FEE | | RATE | FEE | | |
| BASIC FEE | | | 3 3 | | 10,4 | | | | | 345.00 | OR | 1. 4 A 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | 690.00 | |
| TOTAL CLAIMS | | | 160 | minus | 20= | * 144 | | | X\$ 9= | | OR | X\$18= | 2592 | |
| INC | DEPENDENT CI | LAIMS | 7 | 7' minus 3 = * U | | | | | X39= | | OR | X78= | 312 | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | | | | | | | +130= | | OR | +260= | 200 | |
| * If the difference in column 1 is less than zero, enter "0" in column 2 | | | | | | | | | TOTAL | <u> </u> | OR | TOTAL | 3594 | |
| CLAIMS AS AMENDED - PART II | | | | | | | | | 101712 | L | | | <u> </u> | |
| C (Column 1) (Column 2) (Column 3) | | | | | | | | | SMALL | ENTITY | OR | OTHER SMALL | | |
| AMENDMENTA | | REM AF | AIMS AINING TER IDMENT | | PR | IIGHEST IUMBER EVIOUSLY AID FOR | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE | |
| NDI | Total | .83 | 3 | Minus | ** | 164 | = | | X\$ 9= | | OR | X\$18= | | |
| AME | Independent | <u> • </u> |) | Minus | *** | 7 | = - | | X39= | | OR | X78= | | |
| <u> </u> | FIRST PRESE | INTATIC | ON OF MU | DETIPLE DEI | PENDI | ENT CLAIM | | | +130= | | OR | +260= | | |
| | | | | | | | | <u>ا</u> | TOTAL | | OR | TOTAL | | |
| | • | (Col: | umn 1) | | (C | olumn 2) | (Column 3) | A | DDIT. FEE | <u> </u> | | ADDIT. FEE | | |
| 00 | n s grant | CL | AIMS | | H | IIGHEST | | | | ADDI- | 1 1 | | ADDI- | |
| AMENDMENT | | AF | AINING TER IDMENT | 92 | PRI | IUMBER EVIOUSLY AID FOR | PRESENT EXTRA | | RATE | TIONAL | | RATE | TIONAL | |
| | Total | * | | Minus | ** | | = | | X\$ 9= | | OR | X\$18= | | |
| AME | Independent | + | | Minus | *** | | = | | X39= | | OR | X78= | | |
| | FIRST PRESE | NIAIIC | N OF MU | JUIPLE DEF | PEND | ENT CLAIM | | ╟ | .120 | | | 000 | | |
| | | | | | | | | Ļ | +130= . | | OR | +260= TOTAL | | |
| | | | | | | | | Al | ODIT. FEE | | OR | ADDIT. FEE | | |
| _ | | | ımn 1) AIMS | | | olumn 2) IGHEST | (Column 3) | | | | _ | | | |
| ENT C | | REM. AF | AINING TER DMENT | | . N | UMBER EVIOUSLY AID FOR | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL | |
| AMENDMEN | Total | * | | Minus | ** | | = | r | X\$ 9= | FEC | | X\$18= | FEE | |
| ME | Independent | * | | Minus | *** | | = | - | | · · | OR | | | |
| ⋖ | FIRST PRESE | NTATIC | N OF ML | ILTIPLE DEF | END | ENT CLAIM | | _ | X39= | | OR | X78= | | |
| . , | f the entry in colur | nn 1 is le | es than th | e entry in colu | nın 2 v | write "O" is sel | ump 3 | | +130= | | OR | +260= | | |
| *** | f the "Highest Nur If the "Highest Nu | mber Pre mber Pre | viously Pa viously Pa | id For" IN THI: iid For" IN THI | S SPAC S SPAC | CE is less that CE is less tha | n 20, enter "20." n 3, enter "3." | ^_ | TOTAL DDIT. FEE | | | TOTAL ADDIT. FEE | | |
| | The "Highest Num | | | | | | | r foun | d in the ann | ronriate ho | in colu | ima 1 | | |